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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Sarath Gunapala et al. Art Unit : 2815
Serial No.: 09/924,209 Examiner : Baumeister, B.
Filed : August 7, 2001
Title : QUANTUM WELL SENSOR HAVING SPATIALLY SEPARATED
SENSING COLUMNS (AS AMENDED)

BOX AF
Commissioner for Patents
Washington, D.C. 20231

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RESPONSE

In response to the action mailed May 31, 2002, please amend
the application as follows:

In the claims:

Please amend Claim 1 as follows:

mbc3
B1
-- 1. (Amended) A quantum-well semiconductor device that
senses radiation energy, comprising:
a substrate of a substantially transparent semiconductor
material; and
a plurality of quantum-well structures, arranged in
columnar shapes, and spatially separated from one another by a
gap which is electrically insulating, said plurality of quantum-

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this
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September 3, 2002

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Sharon Gebhart
Name of Person Signing Certificate